

Where did we come from? Where are we going?

For all information moving at the speed of light, i.e. free energy, space and time do not exist as at this velocity no new information can be incorporated anymore by anything. When "Everything" moves at the speed of light, no interaction can be actively perceived by an hypothetical observer moving at this speed. Therefore, paradoxically the word "Nothing" describes the same condition.

Origin of our universe: When free energy interacts with each other, this energy slows down and similar to a bubble, a universe is created. The new form of energy represents matter. As matter moves at a speed slower than the speed of light, time and space exist at this condition. The expansion of space and time correlates with the moving speed of matter in relation to the speed of light. The slower the speed of matter, the vaster the universe.

End of our universe: Every chemical reaction in the universe releases free energy. For this free energy space and time cease to exist. As a consequence, the more energy gets released from matter, the less information is held within the universe and the universe eventually ceases to exist. This represents the end of the universe.

From the state of "Everything" and "Nothing", i.e. the state at the speed of light, new universes can be created anytime by pure coincidence as the interaction of free energy at this speed cannot be foreseen: at this condition time and space are not existent.

In conclusion, we come from everything/nothing and are going towards everything/nothing. Origin and End are the same condition. Space and time, i.e. the universe, exist because of the slower speed of matter compared to the speed of light. As we are part of the universe, we should appreciate everything we can absorb with our senses and be grateful for this experience, even if at the end, we end up at the same condition as at the beginning. The final equation is "Everything" = "Nothing" and summarizes the beauty and paradoxical condition of pure energy.